

Applicant: Christian Mayuad  
Serial No.: 09/941,841  
Filed: August 30, 2001  
Page 2

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-69 (canceled)

Claim 70 (currently amended): A computerized prescription system, comprising:

at least one user computer, said user computer having a graphical user interface for displaying and providing access to:

(1) a plurality of patient records for separate patients, each patient record including information about a patient's prescription history; and

(2) information about pharmaceuticals correlated with medical conditions for which the pharmaceuticals are suitable for treating, said information derived from at least two of said plurality of patient records.

Claim 71 (previously presented): The computerized prescription system of claim 70, in which said user computer is connected to a communications medium by which said user computer may communicate with one or more other computers.

Claim 72 (previously presented): The computerized prescription system of claim 71, in which said one or more computers includes at least one computer run by or on behalf of at least one of (1) a Health Maintenance Organization, (2) a hospital, (3) an insurance company, (4) a drug benefit plan, (5) a pharmacy, (6) a laboratory, and (7) a physician practice.

Claim 73 (previously presented): The computerized prescription system of claim 71, in which said user computer is configured to gather information from more than one of said one or more computers and presents that information to a user upon request submitted through said graphical user interface.

Claim 74 (previously presented): The computerized prescription system of claim 73, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into a prescription history for a patient.

Claim 75 (previously presented): The computerized prescription system of claim 73, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into said information about pharmaceuticals.

Claim 76 (previously presented): The computerized prescription system of claim 73, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into said information about the properties of pharmaceuticals.

Claim 77 (previously presented): The computerized prescription system of claim 71, in which said graphical user interface permits a user to receive a prescription directly from a point of care provider over said communications medium.

Claim 78 (previously presented): The computerized prescription system of claim 70, in which information about pharmaceuticals is selectively arranged in at least two of (1) the order of frequency with which pharmaceuticals are prescribed by a user, (2) in alphabetical order, (3) in order of condition treated and

(4) in order of pharmaceuticals prescribed for a particular patient.

Claim 79 (previously presented): The computerized prescription system of claim 70, in which information about pharmaceuticals is arranged by the body system treated by the pharmaceuticals.

Claim 80 (previously presented): The computerized prescription system of claim 70, in which information about pharmaceuticals is selectively arranged by drug category.

Claim 81 (previously presented): The computerized prescription system of claim 70, in which, when a pharmaceutical is prescribed for a condition, and the pharmaceutical is not the best first line agent for treatment of that condition, the graphical user interface will suggest an alternative pharmaceutical to be prescribed instead.

Claim 82 (previously presented): The computerized prescription system of claim 81, in which guidelines relating to the use of said alternative pharmaceutical may be retrieved using said graphical user interface.

Claim 83 (previously presented): The computerized prescription system of claim 70, in which said information about a patient's prescription history is arranged by condition for which a prescription was written.

Claim 84 (currently amended): A computer implemented method of formatting an electronic prescription, comprising the steps of:

a. assembling a plurality of patient records from separate patients, each including prescription information, using a computer interface, the prescription information including a patient condition associated with a prescription;

b the prescription information having been formatted for communications;

c. receiving said prescription information over a communications; and

d. sorting the received prescription information from at least two patient records to create a list of pharmaceuticals

correlated with the medical conditions for which the pharmaceuticals were prescribed; and

e. outputting the list.

Claim 85 (canceled)

Claim 86 (previously presented): The method of column 84, in which said prescription information is selected from a predefined list.

Claim 87 (previously presented): The method of claim 86, in which said predefined list is arranged in order of frequency of option for a specified condition to be treated.

Claim 88 (previously presented): The method of claim 86, in which said predefined list is arranged in order of cost.

Claim 89 (previously presented): The method of claim 86, in which said predefined list is arranged in order of therapeutic preference according to drug formulary guidelines.

Claim 90 (previously presented): The system of claim 70, in which the organization of information about a patient's prescription history, information about pharmaceuticals arranged by medical conditions for which the pharmaceuticals are suitable for treating, or information about the properties of pharmaceuticals is arranged based on the identity of a user.

Claim 91 (previously presented): A computerized prescription system, comprising:

at least one user computer, said user computer having a graphical user interface permitting display of prescription information received from a prescriber and providing access to:

(1) information about a plurality of medical histories, each medical history of a separate patient including at least one medical condition of ~~a~~ the separate patient; and

(2) information about therapeutic agents prescribed for at least said medical condition;

(3) information about individual prescriber activity;

(4) a sorting device for sorting the information from at least two of said plurality of medical histories to produce a report correlating at least one individual prescriber with at least one therapeutic agent prescribed by said at least one individual prescriber and with said at least one medical condition for which said at least one therapeutic agent was prescribed by said at least one individual prescriber; and

(5) an output device for outputting said report.

Claim 92 (previously presented): The system of claim 91, in which information of an individual prescriber is stored on said user computer and also on another computer.

Claim 93 (previously presented): The system of claim 92, in which said information about a medical history includes identification of one or more prescriptions and an



identification of a person who prescribed said one or more prescriptions.

Claim 94 (previously presented): The system of claim 93, in which said identification of a person who prescribed said one or more prescriptions includes identification of how to contact said person who prescribed said one or more prescriptions.

Claim 95 (previously presented): The system of claim 94, in which said graphical user interface includes providing suggestions to a provider if dosages do not reflect said patient's medical history.

Claim 96 (currently amended): A computer program product, comprising:

- a. a memory medium; and
- b. a computer program stored on said memory medium, said computer program containing instructions for capturing prescription information and providing access to:

(1) a plurality of patient records for separate patients, each patient record including information about a patient's prescription history; and

(2) information about pharmaceuticals correlated with medical conditions for which the pharmaceuticals are suitable for treating, said information derived from at least two of said plurality of patient records.

Claim 97 (currently amended): A computer program product, comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said computer program containing instructions receiving prescription information from a plurality of records each record relating to a separate patient, said prescription information for each record including a patient condition associated with a prescription, sorting the received prescription information from at least two records to create a list of pharmaceuticals correlated with the medical conditions for which the pharmaceuticals were prescribed, and outputting the list.

Claim 98 (previously presented): A computer program product,  
comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said  
computer program containing instructions for interrogating  
databases expected to contain information about a patient based  
on a patient's relationship with the provider of that database  
and for assembling patient information into a chronologically  
current version of said patient's prescription history, said  
chronologically current version of said patient's prescription  
history being displayed but not being permanently stored.

Claim 99 (previously presented): A computer program product,  
comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said  
computer program containing instructions for implementing a

graphical user interface permitting display of prescription information and permitting access to:

(1) information about a plurality of medical histories, each medical history including at least one medical condition of a patient; and

(2) information about therapeutic agents prescribed for at least said medical condition;

(3) information about individual prescriber activity; and  
c. said computer program containing instructions for sorting the information from at least two of said plurality of medical histories to produce a report correlating at least one individual prescriber with at least one therapeutic agent prescribed by said at least one individual prescriber and with said at least one medical condition for which said at least one therapeutic agent was prescribed by said at least one individual prescriber, and for outputting said report.

Claim 100 (previously presented): A prescription fulfillment software system implemented on a computer comprising a program

embodied on a computer-readable medium, the system being for use by pharmacy personnel to fill an electronic prescription prescribing a drug treatment for a patient condition exhibited by a patient, the patient having a drugs benefit provider, the drugs benefit provider issuing a prescription benefit plan including a drug formulary for the patient listing at least one drug preferred by the drugs benefit provider for treatment of the condition, the electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug, the prescription fulfillment system providing:

a) a prescription screen display, displaying:

- i) patient-identifying data;
- ii) prescribed drug identification data;
- iii) drug quantification data; and

b) drug formulary information identifying at least one of multiple drugs as a patient's drug benefit provider's drug formulary preferences to ensure that the electronic

prescription is filled with a benefit plan  
recommended drug.

Claim 101 (currently amended): A prescription fulfillment software system implemented on a computer having a program embodied on a computer-readable medium, the system being for use by pharmacy personnel to fill an electronic prescription prescribing a drug treatment for a patient at a point-of-care, the electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by pharmacy personnel to dispense the prescribed drugs or drugs, the prescription fulfillment system providing:

a) a prescription creation screen display, for displaying  
of information, including:

- i) patient-identifying data;
- ii) prescribed drug identification data;
- iii) drug quantification data; and

b) drug formulary information identifying at least one of multiple drugs as a patient's drug benefit provider's drug formulary preferences to ensure that the electronic prescription is filled with a benefit plan recommended drug;

and comprising a drug contraindication review routine automatically activatable from the prescription fulfillment system prior to fulfillment, the drug contraindication review routine accessing contraindication information regarding the prescribed drug and generating an alert regarding a relevant such contraindication.

Claim 102 (previously presented): A computerized prescription system, comprising:

at least one user computer, said user computer having a graphical user interface permitting capture of prescription information and providing access to all of:

(1) information about a plurality of prescription histories;

(2) information about pharmaceuticals correlated with the medical conditions for which the pharmaceuticals are suitable for treating, said information about pharmaceuticals being derived from at least two of said plurality of prescription histories; and

(3) information about the properties of pharmaceuticals;

said user computer being connected to a communication medium by which said user computer communicates with one or more other computers run respectively by or on behalf of one or more of a group consisting of (a) a Health Maintenance Organization, (b) an insurance company, (c) a drug benefit plan, (d) a pharmacy run by a different organization than the organization running the user computer, (e) a laboratory, and (f) a physician practice.

Claim 103 (previously presented): The computerized prescription system of claim 102, in which said user computer is configured to gather information from more than one of said one or more computers and presents that information to a user upon request submitted through said graphical user interface.



Claim 104 (previously presented): The computerized prescription system of claim 103, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into a prescription history for a patient.

Claim 105 (previously presented): The computerized prescription system of claim 103, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into said information about pharmaceuticals.

Claim 106 (previously presented): The computerized prescription system of claim 103, in which said user computer is configured to gather information from more than one of said one or more computers and compile that information into said information about the properties of pharmaceuticals.

Claim 107 (previously presented): The computerized prescription system of claim 102, in which said graphical user interface permits a user to send a prescription directly to a pharmacy to be filled over said communications medium.

Claim 108 (previously presented): The computerized prescription system of claim 102, in which information about pharmaceuticals is selectively arranged in at least two of (1) the order of frequency with which pharmaceuticals are prescribed by a user, (2) in alphabetical order, (3) in order of condition treated and (4) in order of pharmaceuticals prescribed for a particular patient.

Claim 109 (previously presented): The computerized prescription system of claim 102, in which information about pharmaceuticals is arranged by the body system treated by the pharmaceuticals.

Claim 110 (previously presented): The computerized prescription system of claim 102, in which information about pharmaceuticals is selectively arranged by drug category.

Claim 111 (previously presented): The computerized prescription system of claim 102, in which, when a pharmaceutical is prescribed for a condition, and the pharmaceutical is not the best first line agent for treatment of that condition, the graphical user interface will suggest an alternative pharmaceutical to be prescribed instead.

Claim 112 (previously presented): The computerized prescription system of claim 111, in which guidelines relating to the use of said alternative pharmaceutical may be retrieved using said graphical user interface.

113 (previously presented): The computerized prescription system of claim 102, in which said information about a patient's prescription history is arranged by condition for which a prescription was written.

114 (previously presented): The computerized prescription system of claim 102, in which said user computer is a personal digital assistant.

115 (previously presented): A computerized prescription system, comprising:

at least one user computer, said user computer having a graphical user interface permitting capture of prescription information and providing access to all of:

(1) information about a plurality of medical histories,  
each medical history\_including at least one medical  
condition of a patient; and

(2) information about therapeutic agents  
prescribed for at least said medical condition;

(3) information about individual prescriber  
activity;

a sorting device for sorting the information from at  
least two of said plurality of medical histories to  
produce a report correlating at least one individual  
prescriber with at least one therapeutic agent  
prescribed by said at least one individual prescriber  
and with said at least one medical condition for which  
said at least one therapeutic agent was prescribed by  
said at least one individual prescriber;

an output device for outputting said report; and

Applicant: Christian Mayuad  
Serial No.: 09/941,841  
Filed: August 30, 2001  
Page 22

the information in (1), (2) and (3) being obtained from only  
databases located remotely from the location of said user  
computer.